

GP-300403

LUBRICATION CONTROL DEVICE

ABSTRACT OF THE DISCLOSURE

An automatic transmission is comprised of a housing and a hub rotatable about a shaft at differing speeds and having an axial assembly gap therebetween. The axial assembly gap defines an annular flow path in fluid communication with a source lubrication path and a lubrication-requiring mechanism. A lubrication control device is disposed in the annular flow path. The device includes a washer in constant contact with the housing and having a radial slot to permit a prescribed flow of lubricant through the annular flow path to the lubrication-requiring mechanism. The device further includes a belleville spring wherein a small diameter end is in contact with the hub and a large diameter end is piloted by a seating on the washer, wherein the belleville spring provides spring adjustability to accommodate the variable axial assembly gap.